

Author Index—Volumes 430-441

A

Abboud, JA, 435:250, 441:285
Abe, M, 435:191
Aburakawa, S, 436:126
Ackroyd, CE, 436:7
Adams, JB, 440:60
Adams, Jr., SB, 439:260
Adelaide, MB, 439:23
Agarwal, M, 434:222
Aggarwal, S, 441:372
Aglietti, P, 440:82
Aigner, N, 433:178
Akagi, M, 436:172
Akisue, T, 431:241
Akita, S, 435:140
Akiyoshi, Y, 433:129
Aksenov, IV, 439:79
Aksoy, S, 439:253
Alavalal, S, 432:107
Albritton, KH, 437:242
Aldini, NN, 435:62
Aldridge, JM, 434:138
Aljassir, F, 438:22, 438:36
Allam, MF, 439:215
Allen, B, 439:269
Alqueza, AB, 432:272
Al-Sayyad, MJ, 434:61
Amadio, PC, 431:193
Amiel, D, 434:239
Amis, AA, 436:20
Anderegg, C, 438:182
Anderson, AF, 436:237
Anderson, J, 432:252
Anderson, ME, 438:144
Anguita-Alonso, P, 439:43
Anker, CJ, 434:251
Antoniou, J, 437:152
Aoki, Y, 436:196
Appleby, D, 432:148
Arabmotagh, M, 440:178
Arai, E, 431:233
Arazi, M, 432:234
Arciero, R, 436:237
Arendt, E, 436:71
Argenson, J-N, 437:169, 440:50
Aroojis, AJ, 434:26
Arts, JJC, 438:239
Asano, T, 436:172, 439:280
Ashammakhi, N, 430:28
Assal, M, 435:197
Atanda, Jr., A, 434:273, 436:277
Ateshian, GA, 436:81
Athanasian, EA, 435:134, 438:110
Atik, S, 439:253
Attarian, DE, 433:72
Au, GK, 433:178
Aubaniac, J-M, 437:169, 440:50
Aubin, P, 435:79

Audenaert, EA, 430:156
Audigé, L, 438:221
Ayers, DC, 440:157
Aymoré, IL, 434:265
Azuma, Y, 430:195

B

Babulkar, S, 431:50
Bach, CM, 434:183
Bach, J, 434:92
Bach, PB, 432:132
Back, DL, 438:177
Bafus, T, 433:111
Baird, B, 434:251
Balaban, N, 437:48, 437:59
Bálint, L, 430:208
Baloch, KG, 435:211
Bangalore, VG, 434:189
Bank, A, 438:5
Barrack, R, 441:159
Barrack, RL, 441:237
Barroeta, J, 434:273
Bartel, DL, 440:107
Bastar, JD, 438:149
Bateman, JE, 441:16
Bayarslan, C, 430:171
Bayramoğlu, A, 430:171
Bazzi, J, 438:233
Beadel, GP, 438:22, 438:30, 438:36
Beals, RK, 433:212, 435:203
Beard, DJ, 432:204
Beaty, JH, 434:114
Beauvais, RL, 439:101
Beccheroni, A, 435:62
Bechtold, JE, 432:160
Beklen, A, 430:28
Bell, RS, 438:22, 438:30, 438:36, 438:71, 438:92
Bellyei, Á, 430:208
Berbari, E, 439:32
Berbari, EF, 439:38
Beredjiklian, PK, 435:134, 435:250
Berend, KR, 440:60, 441:137, 441:221
Berger, CE, 433:251
Berger, RA, 434:138
Bernsmann, K, 436:144
Berruto, M, 435:96
Bertin, KC, 435:154, 436:177
Bettin, D, 430:12
Betz, RR, 434:55
Bhandari, M, 435:245, 437:260, 438:221
Biau, D, 432:196
Bibbo, C, 438:204
Bice, TG, 441:366
Bickels, J, 437:201, 441:346
Biedermann, R, 434:183
Bierbaum, BE, 441:143
Bishop, AT, 438:80

Bishop, JY, 432:41
Bissell, JB, 431:4
Bitan, FD, 436:190
Bittner, B, 439:136
Bizot, P, 430:62, 432:196
Blackburn, C, 430:138
Blackstone, W, 433:4
Blazina, ME, 436:3
Bloem, RM, 439:151
Blom, J, 438:5
Blount, WP, 432:4, 433:284
Blum, YC, 432:267
Blunn, GW, 441:313
Bobyn, JD, 441:30
Boehm, CA, 432:242
Boerger, TO, 440:82
Boggess, BR, 433:38
Boileau, P, 431:104
Boisvert, CB, 440:157
Boland, PJ, 438:110
Boldin, C, 430:176
Boles, C, 435:31
Bollini, G, 441:356
Bolognesi, M, 440:162
Bond, TK, 435:232
Booth, Jr., RE, 440:24, 440:38
Bostrom, M, 436:132
Bosworth, DM, 437:116
Bottner, F, 436:132, 436:151
Bourne, RB, 434:163, 441:159
Boutary, M, 441:104
Bowen, JD, 437:128
Bowen, JR, 434:78
Bowen, RJ, 440:192
Bowen, TR, 433:205
Boynton, EL, 434:170
Bozentka, DJ, 435:250
Bozic, KJ, 430:117
Bragonzoni, L, 437:186
Braman, JP, 430:202
Brand, R, 439:151
Brand, RA, 437:115, 441:1
Breck, LW, 441:14
Bredbenner, TL, 432:217
Breitenfelder, J, 433:152
Briggs, SM, 434:123
Brindley, GW, 438:282, 440:269
Britton, L, 430:149
Broccetta, D, 435:96
Bronshtein, M, 434:8, 437:271
Brooks, DE, 441:366
Brophy, RH, 439:101
Broukhim, B, 436:3
Brown, G, 439:123
Brown, TD, 430:89
Browne, JE, 436:237
Bruckner, JD, 430:202
Bruland, Ø, 430:142

Brusnahan, SK, 435:52
 Bryant, RE, 433:212
 Bryant, T, 436:30
 Bryk, E, 440:255
 Buchanan, K, 436:246
 Buchowski, JM, 430:237
 Bugbee, WD, 437:176
 Bugie, E, 437:3, 441:379
 Bullard, D, 435:31
 Buma, P, 438:239
 Bunnell, WP, 434:40
 Buranapanikit, B, 437:236
 Burchardt, H, 435:2
 Burckhardt, K, 438:182
 Burke, SW, 434:157
 Buscayret, F, 431:104
 Busscher, HJ, 433:136
 Butler, RA, 441:237

C
 Cabanela, ME, 441:262
 Cade, S, 438:15
 Callaghan, J, 440:251
 Callaghan, JJ, 430:89, 430:272, 440:27
 Camozzi, AB, 438:128
 Campbell, BC, 436:190
 Campbell, DA, 440:107
 Campbell, WC, 440:22
 Canale, ST, 433:26
 Canosa, R, 432:116
 Capello, W, 436:164
 Capello, WN, 441:143, 441:151, 441:305
 Carr, AJ, 431:134
 Carstens, C, 438:288
 Carter, SR, 435:211
 Cartier, P, 436:47
 Casas, C, 441:313
 Cascio, BM, 430:237
 Catton, CN, 438:92
 Caviglia, H, 432:49
 Ceccarelli, F, 434:151
 Çelik, HH, 430:171
 Cenacchi, A, 435:62
 Chafetz, RS, 434:55
 Chain, E, 439:23
 Challis, MJ, 433:183
 Chan, KM, 434:246
 Chan, K-M, 431:226
 Chang, I-C, 430:243, 433:106
 Chang, MA, 440:175
 Chansky, HA, 430:202
 Chao, EYS, 435:239
 Chen, F-B, 435:226
 Chen, L-H, 430:108, 435:148
 Chen, T-H, 432:188, 436:119
 Chen, W-J, 430:108, 435:148
 Chen, W-M, 432:188
 Chen, X, 432:160
 Cheuk, Y-C, 431:226
 Cheung, W-H, 438:260
 Chiang, AS, 435:118
 Chin, KR, 439:260, 440:222
 Cho, M-R, 438:165
 Cho, T-J, 434:102

Choi, E-S, 441:200
 Choi, IH, 434:102
 Chollet, CT, 430:149
 Chosa, E, 431:129
 Christensen, S, 438:158
 Christodoulou, A, 433:195
 Christodoulou, NA, 441:340
 Chung, C, 437:176
 Chung, CY, 434:102
 Churchyard, A, 430:138
 Chye, PC, 437:97
 Cilli, F, 436:222
 Claes, L, 430:189
 Clark, JM, 430:202
 Clarke, HD, 440:67
 Clarkson, PW, 438:92
 Claus, AM, 437:138
 Clipsam, K, 431:134
 Clohisy, JC, 440:135, 441:168, 441:327
 Coffin, CM, 437:242, 438:149
 Cofield, RH, 439:68
 Cohen, H, 434:251
 Cohen, N, 441:346
 Cohen, R, 441:30
 Collins, D, 439:201
 Collins, M, 440:209
 Collis, DK, 441:256
 Colnot, C, 435:69
 Colwell, Jr., CW, 440:45, 441:298
 Conditt, MA, 431:157
 Conduah, A, 441:274
 Constable, PD, 435:43
 Convery, FR, 437:176
 Cook, F, 432:174
 Cook, JL, 435:88
 Cooke, DW, 434:231
 Cooney, IV, WP, 440:117
 Cooper, R, 435:185
 Corben, L, 430:138
 Cordasco, FA, 439:101
 Cortes, EP, 438:5
 Cortés, Z, 434:278
 Costa, ML, 440:199
 Costerton, JW, 437:7, 437:48, 437:59
 Courtney, MA, 433:15
 Courville, XF, 434:278
 Cowell, HR, 434:16
 Crawford, AH, 434:61
 Crawford, R, 433:183
 Crooks, LA, 439:286
 Crystall, R, 437:196
 Cubillo, A, 432:97
 Cuckler, JM, 441:132
 Cudahy, T, 438:85
 Cullen, JW, 438:128
 Curl, LA, 439:235
 Curry, M, 440:135
 Curry, MC, 441:327
 Cushner, FD, 431:145, 440:170

D
 d'Amato, C, 432:34
 D'Andrea, LP, 434:55
 D'Antonio, J, 436:164

D'Antonio, JA, 441:143, 441:151, 441:305
 D'apuzzo, M, 441:268
 D'Lima, DD, 440:45, 441:298
 Dailey, A, 437:242
 Dalury, DF, 440:77
 Damilakis, J, 430:182
 Damron, TA, 434:251, 438:149
 Daniel, J, 441:91
 Daniels, M, 438:288
 Dankelman, J, 437:121
 Dantas, JP, 432:174
 Darcy, P, 436:20
 Darlis, NA, 437:265
 Daub, AC, 439:129
 Davidson, RS, 434:258
 Davis, AM, 438:71
 Davis, K, 438:85
 Davros, WJ, 432:242
 de Almeida, ALB, 434:265
 De Deyne, PG, 439:235
 de la Cerda, J, 432:57
 de la Rosa, MA, 441:200
 de las Heras, J, 432:57
 de Prada, D, 441:313
 De Wilde, LF, 430:156
 Deavers, MT, 438:103
 Degirmenci, B, 436:270
 Deijkers, RLM, 439:151
 Deirmengian, C, 440:38
 Deirmengian, GK, 430:266
 DeJong, ES, 441:366
 Del Pizzo, W, 436:3
 Delatycki, MB, 430:138
 Delcogliano, A, 435:96
 Dell'Acqua, G, 437:48
 Della Rocca, GJ, 441:327
 Della Valle, AG, 436:158, 440:184, 441:40
 Delling, G, 438:288
 Dellon, AL, 438:248
 Delp, SL, 439:129
 Dennis, DA, 435:181, 440:77, 440:88
 Devnani, AS, 431:36
 Di Bella, C, 435:62
 Di Maggio, N, 435:62
 DiCaprio, MR, 432:272, 435:267
 Dice, B, 437:31
 Dickey, ID, 438:42
 DiGioia, III, AM, 437:132
 Dillon, MF, 439:201
 Dines, JS, 434:123
 Ding, C, 434:231
 Dodd, CAF, 432:204
 Dolinskas, CA, 430:266, 434:282
 Dominkus, M, 439:136
 Donaldson, CT, 441:56
 Donati, D, 435:62
 Donell, ST, 440:199
 Donlan, RM, 437:12
 Donohoe, M, 434:26
 Donthineni-Rao, R, 432:267, 434:282
 Dormans, JP, 430:248, 431:257, 433:171,
 433:277, 434:258, 436:286
 Dorn, U, 436:184

Dorr, LD, **441**:104
Downer, P, **438**:215
Draenert, KD, **430**:12
Draenert, YI, **430**:12
Draganich, LF, **431**:150, **433**:160
Duda, GN, **432**:153
Dunbar, RP, **437**:128
Duncan, SFM, **439**:74
Dunman, PM, **437**:83
Durán, D, **432**:57
Dye, SF, **436**:100

E

Easley, KA, **432**:242
Easley, ME, **433**:77
Eastlack, RK, **431**:213
Eastwood, DM, **432**:87, **437**:196
Ebraheim, NA, **437**:164
Eckardt, J, **438**:2
Eckstein, F, **433**:82
Edelson, G, **439**:274
Edwards, SL, **434**:33
Edwards, TB, **431**:104, **433**:90
Eggli, S, **438**:277
Egol, KA, **437**:260, **438**:233
Ehrhart, NP, **435**:43
Ehrlich, GD, **437**:20, **437**:31, **437**:59
Eilert, RE, **434**:92
Eisenberg, MJ, **437**:152
Eisler, T, **441**:19
Ellis, VH, **439**:17
Elmengaard, B, **432**:160
Elwaine, JM, **439**:201
Emara, KM, **439**:215
Emerson, Jr., RH, **441**:137
Emmerson, BC, **437**:176
Endo, K, **440**:262
Engel, A, **433**:251
Engh, Jr., CA, **437**:138
Engh, Sr., CA, **437**:138, **441**:291
Enneking, WF, **435**:2, **435**:36
Erdos, G, **437**:31
Ergolet, C, **436**:237
Erikoglu, M, **432**:234
Erol, B, **430**:248, **431**:257, **434**:258
Erico, TJ, **435**:106
Eskelin, M, **433**:97
Esmail, AN, **432**:267
Esterhai, JL, **432**:267
Estin, M, **435**:185
Eurell, JA, **435**:43
Evans, RP, **439**:4
Evarts, CM, **441**:56
Ezoe, M, **433**:129

F

Faldini, C, **434**:151
Fankhauser, F, **430**:176
Farber, DC, **441**:56
Farrell, RF, **437**:116
Feagin, JA, **436**:229
Fehring, TK, **440**:131

Fehringer, EV, **432**:181
Feinberg, JR, **441**:305
Ferguson, P, **438**:22
Ferguson, PC, **438**:30, **438**:92
Ferguson, T, **441**:115
Feschuk, C, **437**:105
Feschuk, CA, **441**:205
Filion, KB, **437**:152
Fini, M, **435**:62
Fithian, DC, **436**:66
Fitzgerald, SJ, **441**:243
Flatow, EL, **432**:41, **435**:118
Fletcher, X, **440**:50
Florey, HW, **439**:23
Fornasari, PM, **435**:62
Forriol, F, **432**:14
Fowble, VA, **440**:255, **441**:200
Fox, EJ, **438**:51, **438**:123
Fox, JM, **436**:3
Frankel, LS, **438**:282, **440**:269
Franklin, PD, **440**:157
Franz, T, **438**:277
Frassica, FJ, **430**:237
Freiberg, RA, **435**:164
Frink, SJ, **438**:65
Fu, F, **436**:237
Fu, S-C, **431**:226
Fuchs, B, **431**:187, **436**:202, **438**:42
Fukuda, S, **438**:253
Fukushima, S, **439**:280
Fukutome, K, **433**:265
Fulkerson, E, **437**:260
Fulkerson, JP, **436**:76
Fuller, DA, **438**:197
Furman, B, **440**:184
Fux, CA, **437**:48

G

Gaddy, D, **435**:43
Gajewski, DA, **433**:271
Galanis, EC, **437**:209
Galanis, KG, **441**:340
Galante, JO, **430**:117
Galat, DD, **438**:171
Gamulin, A, **439**:221
Ganayem, M, **439**:274
Ganz, R, **438**:182
Gardeniers, JWM, **438**:239
Gardner, AD, **439**:23
Gardner, JJ, **440**:27
Gardner, MJ, **434**:123, **434**:157, **436**:216, **436**:265
Garellick, G, **441**:19
Garg, S, **433**:171, **436**:286
Garrido, CP, **432**:49
Garvin, K, **437**:105
Garvin, KL, **432**:181, **437**:83, **439**:2, **441**:205
Gautreaux, M, **435**:31
Gebhard, HH, **433**:258
Gebhardt, MC, **438**:144
Gehrmann, RM, **438**:204
Genovese, M, **430**:39
Gerber, C, **434**:130

Ghinelli, D, **435**:96
Giannini, S, **434**:151
Giannoudis, PV, **434**:222
Giardino, R, **435**:62
Giavaresi, G, **435**:62
Gill, HS, **432**:204
Ginat, D, **437**:260
Giori, NJ, **439**:129
Gitelis, S, **437**:97
Giusiano, B, **441**:356
Givissis, P, **433**:195
Glenn, JV, **437**:67
Glidewell, O, **438**:5
Glueck, CJ, **435**:164, **441**:40
Gobbi, A, **435**:96
Gocke, DJ, **435**:17
Goddard, N, **432**:73
Goebel, G, **434**:183
Goetz, DD, **440**:27
Goitz, RJ, **441**:320
Gokhale, S, **432**:174
Goldberg, T, **430**:125
Goldberg, VM, **440**:126, **441**:243
Gomez-Bajo, GJ, **432**:77
Gomez-Brouchet, A, **430**:232
Good, V, **441**:159
Goodman, SB, **430**:2, **430**:39, **433**:140, **439**:129
Goomer, RS, **434**:239
Gordon, MJ, **431**:157
Gosens, T, **432**:138
Gosling, T, **439**:207
Goswami, A, **436**:138
Goto, A, **434**:143
Gotze, C, **436**:151
Gourtsosyannis, N, **430**:182
Graichen, H, **433**:82
Grant, SA, **441**:250
Green, R, **435**:8
Greene, Jr., JF, **438**:282, **440**:269
Greenwald, AS, **440**:24
Griesberg, J, **435**:197
Grelsamer, RP, **436**:60
Griffin, AM, **438**:22, **438**:30, **438**:36, **438**:71, **438**:92
Griffin, D, **438**:221
Griffin, WL, **440**:131
Griffith, MH, **434**:123
Grill, F, **433**:178
Grimer, RJ, **435**:211
Grimme, K, **432**:127
Groppo, ER, **431**:213
Grosseth, KL, **440**:60
Gross, AE, **435**:79
Gross, SW, **438**:9
Grothaus, MC, **437**:164
Gruber, D, **439**:136
Guehring, T, **438**:288
Guille, JT, **434**:2, **434**:86
Guiney, A-M, **431**:207
Guller, U, **435**:232
Gulotta, LV, **436**:265
Gunal, I, **436**:270

Gunneson, EB, 439:193
 Guo, X, 430:219
 Gupta, N, 439:97
 Gupta, R, 436:251
 Gupta, V, 431:66
 Guttenberg, ME, 433:277
 Guzzardella, G, 435:62

H
 Haaker, RG, 433:152
 Haas, NP, 432:153
 Hadjipavlou, A, 430:182
 Hage, W, 439:235
 Hagy, ML, 435:185
 Hahn, U, 432:226
 Haidukewych, GJ, 440:96
 Hakim, M, 439:235
 Hall, DJ, 437:97
 Hall-Stoodley, L, 437:31
 Halpern, JL, 440:213
 Hamada, M, 435:140
 Hamadouche, M, 430:62
 Hamanishi, C, 436:172
 Hammoud, S, 436:261
 Hankemeier, S, 439:207
 Hannouche, D, 430:62, 432:196
 Hansen, Jr., ST, 435:197
 Hanssen, A, 439:32
 Hanssen, AD, 437:2, 437:55, 437:89,
 437:91, 437:111, 439:38, 439:43,
 440:96, 441:3, 441:86
 Hao, Y-J, 435:226
 Hara, Y, 439:243
 Harcke, HT, 434:71
 Harding, G, 439:27
 Hardy, JH, 434:4
 Hargens, AR, 431:213
 Harkness, DA, 441:320
 Harma, A, 436:222
 Harmsen, WS, 431:193
 Harris, M, 438:60
 Harris, WH, 430:46, 438:158
 Harrison, BH, 439:4
 Hart, DA, 439:228
 Hart, R, 433:111
 Hartley, J, 431:176
 Hartofilakidis, G, 434:177
 Hartshorne, MF, 439:286
 Harwood, P, 432:127
 Hasegawa, T, 440:262
 Hassinger, SM, 439:27
 Hattori, T, 430:163
 Haunschmid, C, 430:176
 Hausman, M, 439:123
 Hawes, T, 431:145, 440:170
 Hawkins, RJ, 435:126
 Hazrati, Y, 435:118
 Healey, JH, 438:110
 Healy, WL, 432:148
 Heatley, NG, 439:23
 Heise, E, 435:31
 Heisel, C, 430:53
 Heiss, C, 440:226
 Helfet, DL, 436:216, 436:265

Heller, M, 432:153
 Helling, H-J, 432:226
 Helms, JA, 435:69
 Hennigs, T, 440:178
 Herberts, P, 441:19
 Herman, MJ, 434:46
 Hermida, JC, 441:298
 Hernandez, VH, 441:268
 Herndon, JH, 440:242
 Herr, MJ, 431:193
 Hession, P, 431:207
 Heyligers, IC, 432:167
 Higgins, LD, 433:58, 435:232
 Hildebrand, KA, 439:228
 Hill, K, 431:145, 434:92
 Hill, R, 431:176
 Hillner, BE, 432:258
 Hirata, H, 433:265
 Hoare, B, 430:138
 Hoesel, LM, 440:226
 Hofer, J, 433:160
 Hoffman, PJ, 433:15
 Hoffmann, O, 433:251
 Hofmann, A, 440:162
 Hofmann, AA, 430:125
 Holdridge, SP, 434:251
 Holdsworth, DW, 434:163
 Holian, A, 430:138
 Holland, JF, 438:5
 Holt, M, 437:164
 Holtom, P, 439:52
 Holtom, PD, 439:56, 439:97
 Hoppenier, MR, 432:252
 Hornecek, FJ, 432:210, 438:60, 438:97,
 438:144, 439:144, 439:171
 Hosalkar, HS, 430:266, 431:176, 433:171,
 434:273, 434:282, 436:277, 436:286,
 438:51, 438:123, 438:137
 Hosono, N, 436:196
 Hotchkiss, RN, 435:134
 Hovius, SER, 431:42
 Howard, JL, 434:163
 Howard, RS, 435:239
 Hozack, WJ, 441:68
 Hsieh, C-H, 436:119
 Hu, FZ, 437:20, 437:31, 437:59
 Huang, S, 435:69
 Huang, T-L, 432:188
 Huddleston, JI, 440:101, 441:334
 Hudson, MM, 430:149
 Hugate, Jr., RR, 438:42
 Hui, AJ, 434:163
 Huk, OL, 437:152
 Hung, CT, 436:81
 Hung, LK, 435:219
 Husted, D, 435:267
 Hutter, J, 436:184
 Huvos, AG, 438:110
 Hyakumachi, T, 431:111

I
 Iannuzzi, D, 438:215
 Imai, K, 438:253

Imrie, S, 433:140
 Inaba, Y, 441:104
 Inan, M, 436:222, 440:192
 Indelli, PF, 441:250
 Ingviya, N, 437:236
 Inoue, N, 435:239
 Inwards, C, 440:209
 Iorio, R, 432:148
 Ishibashi, Y, 434:207
 Ishida, Y, 436:208
 Ishiguro, N, 430:163
 Ishii, S, 434:213
 Ishikawa, J, 439:116
 Işikan, UE, 439:253
 Isler, M, 438:215
 Isler, MH, 432:116, 438:22, 438:36
 Israelite, C, 441:285
 Itälä, A, 440:209
 Itabashi, T, 436:126
 Ito, H, 433:124
 Ito, Y, 437:247, 439:109
 Ivey, FM, 436:3
 Iwasaki, N, 439:116

J
 Jackson, JD, 435:52
 Jacobs, J, 440:251
 Jacobson, C, 439:32
 Jacofsky, DJ, 440:96
 Jacquemier, M, 441:356
 Jaffe, N, 438:19
 Jain, AK, 431:2, 431:9, 431:57
 Jain, NB, 435:232
 Jain, V, 431:72
 Jamali, AA, 436:246, 437:176
 Jamroz, BA, 438:128
 Jansson, V, 433:258
 Jaramaz, B, 437:132
 Jarrett, CA, 431:245
 Jennings, MA, 439:23
 Jeon, I-h, 430:100
 Jewett, BA, 441:256
 Jiang, CY, 435:118
 Jiang, J-Y, 439:243
 Johnson, JW, 437:25
 Johnson, RE, 432:258
 Johnson, S, 437:31
 Johnson, TR, 436:229
 Johnston, RC, 440:27
 Jokl, P, 436:229
 Jones, EC, 432:132, 439:101
 Jones, P, 432:174
 Jones, R, 441:4
 Jones, S, 431:176
 Jordan, LC, 436:111
 Jordan, LR, 436:111
 Jost, B, 434:130
 Joyce, MJ, 435:22
 Joyner, DE, 438:149
 Jull, GA, 433:183
 Jung, JS, 431:220
 Jurvelin, JS, 433:233

K

Kadoya, Y, **433**:147, **434**:193
Kageyama, T, **433**:243, **438**:253
Kalteis, T, **433**:258
Kamaric, E, **433**:115
Kambic, HE, **432**:242
Kamegaya, M, **440**:205
Kamp, M, **433**:152
Kandemir, Ö, **430**:171
Kanekasu, K, **434**:193
Kaneko, TS, **437**:219, **439**:161
Kang, L-L, **430**:219
Kantor, SR, **441**:188
Kao, F-C, **430**:108
Kapetanos, GA, **435**:263
Kapoor, A, **431**:14
Karabasli, D, **441**:30
Karachalias, G, **434**:177
Karachalias, T, **434**:177
Karaoglu, S, **436**:222
Karatosun, V, **436**:270
Karkavelas, G, **433**:195
Kärholm, J, **441**:19
Kasser, JR, **434**:110
Kaste, SC, **430**:149
Katagiri, H, **431**:233
Kathju, S, **437**:31, **437**:59
Kato, H, **439**:116
Katoh, M, **430**:163
Katz, MA, **435**:134
Katzman, PJ, **434**:278
Kaufman, KR, **436**:202
Kawai, S, **436**:208
Kaya, A, **430**:171
Keenan, MAE, **438**:197
Keeney, JA, **440**:135, **441**:168
Kellam, J, **438**:221
Keret, D, **434**:8, **437**:271
Kessinger, A, **435**:52
Kessler, D, **431**:145
Kester, AD, **432**:138
Keyak, JH, **437**:219, **439**:161
Khefacha, A, **436**:47
Khoury, L, **439**:260
Kiger, D, **435**:31
Kim, J-D, **438**:165
Kim, SW, **431**:220
Kim, S-Y, **438**:165
Kim, YK, **435**:126
Kinder, J, **430**:117
King, MM, **434**:26
Kinoshita, M, **435**:191
Kirkos, JM, **435**:263
Kiss, H, **436**:184
Kitakoji, T, **430**:163
Kitamura, N, **437**:138, **441**:291
Kitazawa, Y, **439**:243
Kitoh, H, **430**:163
Kivelä-Rajamäki, M, **430**:28
Kiviranta, I, **433**:233
Klein, GR, **441**:68
Klepps, S, **435**:118
Kluger, R, **433**:251

Kobayashi, A, **433**:147

Koenig, SJ, **433**:38
Koike, T, **439**:109
Kold, S, **431**:138, **432**:160
Kollender, Y, **437**:201, **441**:346
Komei, T, **431**:238
Komistek, RD, **435**:181, **440**:88
Kon, E, **435**:96
Kondo, M, **434**:193
Konrad, G, **433**:189
Kontinen, YT, **430**:28
Koorevaar, R, **430**:100
Kopjar, B, **432**:181
Korompilias, AV, **437**:265
Kotwal, PP, **431**:66
Kotz, R, **439**:136
Koval, KJ, **437**:260, **438**:233
Kovaleski, JE, **433**:50
Kraaijenhagen, RA, **432**:252
Kraay, M, **440**:126, **440**:251
Kraay, MJ, **441**:243
Kraasdorf, M, **431**:181
Krauspe, R, **430**:12
Kreder, HJ, **434**:217
Kregor, PJ, **439**:269
Krepler, P, **439**:136
Krettek, C, **432**:127, **439**:207
Krinsky, CS, **439**:286
Krishnan, SG, **433**:115, **435**:126
Krismer, M, **439**:181
Kroon, HM, **439**:151
Krygier, JJ, **441**:30
Kubo, S, **431**:129
Kubo, T, **439**:176
Kuiper, J-H, **432**:174
Kuklo, TR, **433**:271
Kumar, S, **431**:9, **441**:372
Kumar, SJ, **434**:2, **434**:26, **434**:86
Kura, H, **434**:213
Kurosaka, M, **431**:241, **435**:181
Kurtin, SM, **430**:125
Kuskowski, MA, **438**:191
Kusuzaki, K, **433**:265
Kwun, K-W, **438**:165
Kyrkos, MJ, **435**:263

L

Lackman, RD, **430**:266, **432**:267, **434**:273, **434**:282, **436**:277, **438**:51, **438**:123, **438**:137
Lai, P-L, **430**:108, **435**:148
Landa, J, **441**:285
Langlotz, F, **436**:144, **438**:182
Langlotz, U, **436**:144
Lappalainen, R, **430**:72
Laskin, RS, **440**:2, **440**:54, **440**:122
Launay, F, **433**:166, **441**:356
Laupattarakasem, W, **431**:21
Lavernia, C, **441**:268
Le, T, **432**:217
Leadbetter, W, **436**:2
Leadbetter, WB, **436**:91

Lee, C-Y, **436**:119
Lee, D-H, **438**:165
Lee, DJ, **441**:268
Lee, DY, **434**:102
Lee, G-C, **440**:170
Lee, J-a, **441**:180, **441**:210
Lee, KM, **434**:246
Lee, K-M, **431**:226, **438**:260
Lee, SY, **435**:181
Leerapun, T, **440**:209
Leet, AI, **433**:166
Lehman, EB, **441**:56
Lehman, Jr., RA, **433**:271
Lehmann, T, **438**:277
Leitz, Z, **436**:229
Lenich, A, **433**:189
Leone, J, **441**:86
Lersundi, A, **439**:171
Leslie, K, **434**:239
Leung, K-S, **438**:260
Leung, PC, **435**:219
Leung, SB, **437**:138, **441**:291
Levenson, JE, **437**:31
Levin, LS, **433**:2
Levine, MA, **434**:231
Levy, JC, **431**:181
Lewallen, DG, **441**:86
Lewis, VO, **438**:65, **438**:103, **438**:116
Leyva, F, **432**:77
Leyvraz, P-F, **437**:169
Li, J, **430**:219
Li, JX, **434**:246
Li, K-C, **436**:119
Li, X-K, **439**:243
Li, Z-M, **441**:320
Lieberman, JR, **441**:274
Lietman, SA, **434**:231
Lin, PP, **438**:65, **438**:103, **438**:116
Lin, Q, **437**:59
Lin, RM-H, **432**:188
Lin, SS, **438**:204
Lindahl, A, **433**:233
Lindskog, DM, **432**:272, **435**:267
Lipton, GE, **434**:78, **434**:86
Litchfield, R, **435**:126
Litvin, SG, **433**:8
Liu, MJ, **434**:246
Liu, SS, **440**:27
Lombardi, Jr., AV, **440**:60, **441**:137, **441**:221
Lonergan, KT, **441**:366
Long, MJ, **434**:189
Lonner, JH, **440**:38
Lorenz, HP, **441**:80
Lorich, DG, **434**:123, **436**:216, **436**:265
Losee, RE, **436**:229
Loughlin, J, **431**:134
Lourie, GM, **433**:65
Lovász, G, **430**:208
Lovering, RM, **439**:235
Lu, F-Z, **439**:243
Lucarelli, E, **435**:62
Luck, Jr., JV, **430**:208

Ludwig, K, **438**:288
 Lundberg, HJ, **430**:89
 Lyden, ER, **441**:205
 Lyman, S, **432**:132

M

Ma, G, **430**:28
 Ma, T, **430**:39
 Maathuis, PGM, **433**:136
 MacEwen, GD, **434**:4, **434**:86
 Madanagopal, SG, **433**:50
 Maeda, M, **433**:265
 Magu, NK, **437**:229
 Mahaisavariya, B, **431**:21
 Maheshwar, CB, **440**:126
 Mahfouz, M, **435**:181
 Mahfouz, MR, **440**:88
 Mahoney, CR, **432**:181
 Maki, RG, **438**:110
 Malawer, MM, **437**:201, **441**:346
 Malchau, H, **441**:19
 Mallory, TH, **440**:60, **441**:137, **441**:221
 Malone, AA, **437**:196
 Maloney, WJ, **440**:135, **441**:327
 Mandelbaum, B, **436**:237
 Mankin, HJ, **432**:210, **438**:60, **438**:97,
438:144, **439**:144, **439**:171
 Manley, M, **436**:164
 Manley, MT, **441**:143, **441**:151, **441**:305
 Manoso, MW, **438**:110
 Marcacci, M, **435**:96, **437**:186
 Marcheix, B, **430**:232
 Marculescu, CE, **439**:38
 Mardini, S, **436**:246
 Mardones, R, **441**:63
 Maris, T, **434**:239
 Mark, A, **438**:197
 Marker, D, **441**:125
 Markmiller, M, **433**:189
 Martínez-Miranda, J, **432**:57
 Martineau, P, **437**:152
 Martini, L, **435**:62
 Marui, T, **431**:241
 Marx, RG, **432**:132, **439**:101
 Mason, JB, **440**:131
 Masterson, E, **431**:207
 Masuda, T, **431**:111
 Mathew, M, **441**:372
 Mathis, KB, **431**:157
 Matsen, III, FA, **433**:82
 Matsui, N, **435**:181
 Matsui, Y, **433**:147, **440**:262
 Matsukura, Y, **432**:242
 Matsumoto, I, **437**:247
 Matsuno, T, **433**:124
 Matsuo, T, **439**:176
 Matsuyama, J, **433**:243, **438**:253
 Matsuyama, T, **434**:213
 Matta, JM, **441**:115
 Matthews, SJE, **434**:222
 Mauer, A, **431**:150
 Mauer, AC, **433**:160
 Mavrogenis, AF, **437**:209, **441**:340
 Mavromatis, I, **433**:195

Mayer, E, **434**:183
 Mayr, E, **430**:189, **433**:189
 Mazloomi, FR, **432**:217
 McCarthy, EF, **436**:261
 McCarthy, JC, **441**:180, **441**:210
 McDonald, III, AP, **433**:65
 McDowell, A, **437**:74
 McGough, RL, **438**:116
 McGrory, B, **440**:251
 McHale, KA, **435**:239
 McKeever, DC, **440**:4, **440**:13
 McKellop, H, **430**:80
 McLardy-Smith, P, **432**:204
 McLaren, AC, **437**:25, **439**:48
 McLaren, SG, **437**:25, **439**:48
 McLaughlin, CE, **438**:22, **438**:30
 McLeod, BR, **437**:59
 McLorinan, GC, **437**:67
 McMinn, DJW, **441**:91
 McMullan, MG, **437**:67
 McQueen, DA, **434**:189
 Meana, NV, **432**:49
 Mehta, N, **437**:31
 Meier, R, **432**:127
 Mekhail, AO, **437**:164
 Meller, I, **437**:201, **441**:346
 Melmer, T, **441**:227
 Memik, R, **432**:234
 Menegini, M, **430**:117
 Menezes, DFA, **439**:221
 Meohas, W, **434**:265
 Merchant, AC, **436**:2, **436**:40
 Mercuri, M, **435**:62
 Merlini, L, **434**:151
 Messmer, K, **433**:258
 Meunier, A, **430**:62
 Michel, LJ, **436**:237
 Michelotti, JD, **435**:126
 Michelson, J, **433**:218
 Milcan, A, **430**:171
 Miller, NH, **433**:115
 Miller, S, **435**:118
 Minami, A, **431**:120, **433**:124, **439**:116
 Minami, M, **439**:116
 Minas, T, **436**:30
 Mindell, ER, **430**:227, **435**:2, **438**:2
 Minekus, JPJ, **437**:121
 Minihane, KP, **437**:157
 Mio, K, **433**:225
 Mitchell, E, **440**:126
 Miura, Y, **440**:205
 Miyaji, T, **430**:195
 Miyauchi, Y, **431**:238
 Mollabashy, A, **431**:181
 Mondanelli, N, **440**:82
 Mont, MA, **436**:91, **438**:191, **441**:125
 Montagna, L, **437**:186
 Moore, DR, **440**:213
 Moorman, III, CT, **439**:235
 Mor, AB, **437**:132
 Moran, SL, **438**:80
 Mori, S, **436**:172
 Morikawa, J, **435**:191

Moritomo, H, **434**:143
 Moriya, H, **440**:205
 Moroz, L, **433**:171, **434**:258, **436**:286
 Moroz, LA, **433**:277
 Morrey, BF, **431**:26, **441**:351
 Morris, CD, **438**:110
 Moseley, Jr., JB, **436**:237
 Mouhsine, E, **437**:169
 Mourikis, A, **439**:171
 Mouzin, O, **432**:160
 Mow, CS, **441**:80
 Mühlberger, H, **433**:251
 Mukherjee, SK, **431**:72
 Mulcahey, MJ, **434**:55
 Muller, M, **439**:207
 Mullett, H, **439**:123
 Murase, T, **434**:143
 Muratoglu, OK, **430**:46, **438**:158
 Murphy, BO, **435**:52
 Murphy, PG, **439**:201
 Murray, DW, **432**:204
 Murrell, GAC, **430**:94
 Muschler, GF, **432**:242

N

Naessens, J, **439**:32
 Nagi, ON, **440**:233, **441**:372
 Naito, M, **433**:129
 Najibi, S, **432**:148
 Nakamura, K, **433**:243, **438**:253
 Nakamura, Y, **433**:129
 Nakao, Y, **437**:247, **439**:109
 Nakase, T, **430**:195
 Nakashima, H, **431**:233
 Nakata, K, **435**:140
 Natarajan, R, **432**:107
 Naughton, M, **436**:164, **441**:143, **441**:151
 Navia, JE, **432**:116
 Neel, MD, **430**:149
 Neff, JR, **435**:52
 Nehme, A, **430**:232
 Nelissen, R, **437**:121
 Nelson, CL, **437**:25, **439**:4, **439**:48,
441:285
 Nemanich, JP, **441**:63
 Nemoz, C, **431**:104
 Neumann, D, **436**:184
 Neumann, L, **430**:100
 Neut, D, **433**:136
 Neyret, P, **436**:14
 Ng, VWS, **431**:201
 Ngarmukos, SG, **441**:80
 Nicholas, R, **435**:11
 Nicholas, RW, **435**:43
 Nicholson, P, **439**:201
 Nielsen, K, **441**:250
 Nielson, JH, **436**:216
 Nieminen, MT, **433**:233
 Nishida, Y, **431**:233
 Nishimura, A, **436**:172
 Nishimura, S, **436**:172
 Nistico, L, **437**:31
 Nitto, H, **432**:242

Niu, C-C, 430:108
Nizard, R, 430:62
Nizard, RS, 432:196
Noble, PC, 431:157, 433:115
Noesberger, B, 439:221
Norman, AG, 430:202
Normandin, D, 438:215
Nové-Josserand, L, 433:90
Nudelman, A, 439:274
Nussen-Lee, S, 434:282

O

O'Brien, DAL, 441:99
O'Connor, DP, 431:104, 433:90
O'Connor, MI, 436:202
O'Driscoll, SW, 441:351
O'Rourke, M, 441:216
O'Rourke, MR, 440:27
O'Sullivan, B, 438:92
Oakes, DA, 430:232
Obid, E, 439:274
Ochi, M, 439:176
Odev, K, 432:234
Odom, L, 438:128
Odum, S, 440:131
Oflioglu, O, 434:258
Ogilvie, CM, 430:266, 436:277, 438:51, 438:123, 438:137
Oh, C-W, 434:86
Ohashi, S, 438:253
Ohnishi, I, 433:243, 438:253
Ohnsorge, J, 440:122
Okuda, R, 435:191
Olivo, JL, 436:111
Olson, PR, 437:242
Olson, SA, 433:30
Omokawa, S, 431:238
Onda, M, 430:142
Onga, T, 431:241
Orr-Ewing, J, 439:23
Ortiz, EJ, 432:116
Oshida, H, 433:243
Osmon, DR, 437:2, 437:55, 437:89, 437:111, 439:32, 439:38, 439:43
Ottersbach, A, 433:152
Oungbho, K, 437:236
Outten, JT, 440:88
Overgaard, S, 431:138
Ozdemir, M, 432:234
Öztuna, V, 430:171

P

Padgett, DJ, 436:202
Pae, R, 440:255
Pagkrati, S, 434:151
Pagnano, MW, 439:32, 440:24, 440:96, 440:117, 441:63, 441:86
Palazzi, FF, 432:49
Palm, L, 436:132
Pande, K, 431:50
Pandya, N, 433:160
Pandya, NK, 431:150
Papadokostakis, G, 430:182

Papageorgopoulos, PJ, 430:258, 437:209
Papavasiliou, KA, 435:263
Pape, HC, 432:127
Paprosky, WG, 441:216
Parikh, SN, 434:217
Park, EH, 441:80
Park, SH, 430:208
Parratte, S, 440:50
Parsons, JA, 438:71
Partsinevelos, AA, 430:258
Parvizi, J, 438:191, 441:68
Pastan, I, 430:142
Patch, DA, 432:148
Patel, DV, 438:204
Patel, R, 437:2, 437:41, 437:55, 437:89, 437:111, 439:43
Patil, S, 440:45
Patrick, S, 437:67, 437:74
Patzakis, MJ, 439:52, 439:97
Pavlova, BG, 433:251
Pawel, B, 431:257
Paxton, EW, 436:66
Pearsall, AW, 433:50
Pearsall, IV, AW, 431:245
Pederzini, L, 435:96
Pedowitz, RA, 431:213
Peelle, MW, 441:327
Pei, F-X, 435:226
Pejcic, MR, 439:161
Pellegrini, Jr., VD, 438:266, 441:56
Perisinakis, K, 430:182
Perka, C, 432:153
Peters, LE, 440:107
Peterson, L, 433:233
Peterson, MGE, 432:132, 436:158, 436:216
Petje, G, 433:178
Petraki, KD, 430:258
Petropoulou, KA, 437:265
Pfirrmann, CWA, 434:130
Phillips, W, 441:188
Pietram, AD, 437:116
Pietrobon, R, 435:232
Pigeon, R, 434:157
Pihlajamäki, H, 433:97
Piotrowski, GA, 431:150, 433:160
Pitcher, Jr., JD, 439:286
Pizzutillo, PD, 434:46
Plasschaert, FS, 430:156
Ploutz-Snyder, R, 440:157
Plump, JD, 433:15
Pollack, A, 433:171
Pollock, A, 436:286
Porcher, R, 432:196
Post, JC, 437:20, 437:31, 437:59
Post, WR, 436:55
Pottenger, L, 431:150
Potter, HG, 436:216, 437:138
Pournaras, J, 433:195
Powell, KA, 432:242
Poynton, A, 434:157
Pradhan, C, 441:91
Preston, CF, 437:260
Price, AJ, 432:204, 435:171

Pritzker, KP, 434:170
Probstner, D, 434:265
Proff, G, 433:152
Prokop, A, 432:226
Prosser, GH, 435:211
Pruitt, L, 440:149
Puget, J, 430:232
Pynsent, PB, 441:91
Pyrek, J, 439:32

Q

Qin, L, 434:246, 435:219, 438:260
Quick, TJ, 432:87

R

Rachbauer, F, 434:183
Radler, C, 433:178
Raffl, M, 436:184
Rafiee, B, 435:239
Ragland, PS, 436:91, 441:125
Rahbek, O, 431:138
Ramakrishnan, R, 441:143
Rambeck, WA, 440:226
Ramsey, ML, 435:134
Rana, A, 440:184
Rana, AJ, 441:40
Rand, JA, 440:175
Randall, RL, 437:242, 438:2, 438:149
Rao, N, 439:2, 439:87
Raposo, JM, 441:262
Rapuri, VR, 438:191
Raskin, KA, 432:210, 438:144
Rauschmann, MA, 439:61
Ravaud, P, 432:196
Rawicki, HB, 430:138
Rawlins, BA, 434:157
Rawlinson, JJ, 440:107
Reddix, RN, 431:157
Rees, JL, 432:204
Regel, G, 432:127
Rehm, KE, 432:226
Reith, J, 432:272, 435:267
Remmers, D, 432:127
Rhorer, AS, 433:30
Ribbans, WJ, 432:107
Ricchetti, ET, 430:248
Rice, J, 439:201
Richardson, JB, 432:174
Riddle, DL, 432:252, 432:258
Riddle, EC, 434:26
Ries, MD, 440:149
Ring, D, 431:85
Ring, PA, 441:8
Rittmeister, M, 440:178
Rizzo, M, 434:138
Robb, W, 440:251
Rock, MG, 431:187
Rodet, A, 439:11
Rodríguez-Merchán, EC, 432:2, 432:8, 432:57, 432:65
Roh, HL, 431:220
Rojer, D, 433:140
Rojer, DE, 430:132

Romanillos, O, **432**:57
 Romero, DM, **435**:69
 Roposch, A, **431**:166
 Rorabeck, CH, **441**:99, **441**:159
 Rosa, D, **435**:96
 Rose, HA, **438**:265
 Rose, PS, **438**:80
 Rosenberg, AG, **430**:117, **431**:250
 Rosier, RN, **434**:278
 Rossi, SA, **439**:161
 Rosson, GD, **438**:248
 Rothman, RH, **441**:68
 Rougraff, BT, **438**:85
 Roush, TF, **434**:138
 Rozing, PM, **437**:121
 Rubash, HE, **438**:158, **438**:171
 Rubin, PJ, **437**:169
 Rüedi, TP, **438**:221
 Ruland, RT, **437**:128
 Rummler, L, **436**:251
 Rushing, J, **435**:31
 Russell, JH, **441**:221
 Russo, A, **437**:186
 Russo, P, **430**:248
 Rüter, A, **430**:189, **433**:189
 Rutledge, J, **438**:65, **438**:116
 Ryd, L, **436**:132

S

Sacchetti, GL, **435**:96
 Saffuri, H, **439**:274
 Saikia, UN, **441**:372
 Saisu, T, **440**:205
 Saito, S, **433**:225
 Salata, MJ, **441**:243
 Saleh, KJ, **438**:191
 Salehi, A, **441**:159
 Salgado, CJ, **436**:246
 Sallis, JG, **436**:216
 Saltzman, CL, **435**:185
 Salvati, EA, **436**:158, **440**:184, **441**:40
 Sanders, AG, **439**:23
 Sanders, AK, **433**:38
 Sanders, J, **431**:181
 Sandhu, HS, **431**:14
 Sandhu, PS, **431**:14
 Sangeorzan, BJ, **435**:197
 Sangiorgi, L, **435**:62
 Sanouiller, J-L, **436**:47
 Santavirta, S, **430**:2, **430**:28
 Santavirta, SS, **430**:72
 Santore, RF, **441**:188
 Sapkas, GS, **430**:258
 Saraph, V, **439**:181
 Sarban, S, **439**:253
 Sarmiento, A, **430**:208, **436**:138
 Sarwark, JF, **434**:33
 Sasaki, T, **434**:207, **434**:213
 Sato, S, **431**:111
 Savage, K, **439**:56
 Savvidou, OD, **437**:209
 Scale, D, **439**:61
 Scarborough, MT, **432**:272, **435**:267
 Schaefer, RA, **433**:271

Schaffer, A, **431**:257
 Schandlmaier, P, **439**:207
 Schatz, A, **437**:3, **441**:379
 Schippinger, G, **430**:176
 Schmale, GA, **437**:251
 Schmalzried, TP, **430**:53, **441**:200
 Schmitt-Sody, M, **433**:258
 Schnettler, R, **440**:226
 Schoenecker, PL, **441**:168
 Schreibman, KL, **439**:269
 Schreurs, BW, **437**:145, **438**:239
 Schurman, DJ, **430**:132
 Schurman, II, JR, **434**:189
 Schwab, JH, **440**:96
 Schwartz, HS, **440**:213
 Scott, RD, **440**:24, **440**:101, **441**:334
 Scott, WN, **440**:170
 Scuderi, GR, **431**:145, **440**:67
 Sculco, TP, **436**:132, **440**:184
 Scully, SP, **431**:193, **440**:209
 Sdrenias, CV, **441**:340
 Sedel, L, **430**:62, **432**:196
 Segreti, J, **437**:97
 Sekimoto, T, **431**:129
 Sekundiak, TD, **441**:205
 Selmi, TAS, **436**:14
 Sen, R, **437**:229
 Senavongse, W, **436**:20
 Sengupta, DK, **431**:93
 Senn, H, **438**:5
 Sensi, L, **440**:82
 Sewecke, J, **437**:31
 Shahrdar, C, **441**:115
 Shannon, F, **431**:207
 Shapiro, F, **432**:14
 Sharkey, PF, **438**:191, **441**:68
 Sharma, A, **437**:229, **440**:88
 Sharp, JG, **435**:52
 Shasha, N, **435**:79
 Shaughnessy, WJ, **437**:209
 Shea, M, **433**:111
 Sheehan, FT, **434**:198
 Shen, F-W, **430**:80
 Shen, K, **437**:20
 Shepstone, L, **440**:199
 Sheridan, KC, **438**:171
 Sherk, HH, **430**:3, **437**:115, **438**:4, **439**:10, **440**:3, **441**:7
 Shibanuma, N, **434**:198
 Shido, Y, **431**:233
 Shimada, K, **435**:140
 Shimizu, N, **430**:195
 Shimmin, AJ, **438**:177
 Shimose, S, **439**:176
 Shin, AY, **438**:80
 Shin, YW, **434**:102
 Shirado, O, **431**:120
 Shiramizu, K, **433**:129
 Shutkin, NM, **435**:5
 Siebenrock, KA, **438**:182
 Siebenrock, K-A, **436**:144
 Sierra, RJ, **440**:117, **441**:262
 Sieve, L, **435**:164

Silva, M, **430**:53, **441**:200
 Sim, FH, **436**:202, **437**:209, **438**:42, **438**:80
 Singh, BI, **438**:209
 Singh, R, **437**:229
 Sinha, S, **431**:57
 Sinks, LF, **438**:5
 Sirianni, L, **441**:104
 Siston, RA, **439**:129
 Skinner, HB, **437**:219, **439**:161
 Skopelitou, AS, **437**:265
 Slamin, JE, **440**:45
 Slooff, TJH, **437**:145
 Sluimer, JC, **432**:138
 Smeltzer, MS, **437**:25
 Smit, TH, **432**:167
 Smith, AM, **439**:68
 Smith, BP, **435**:31
 Smith, RL, **430**:39
 Smith, TM, **441**:137, **441**:221
 Snyder, SA, **432**:217
 Soballe, K, **431**:138, **432**:160
 Sodl, JF, **440**:222
 Soliman, A, **432**:174
 Sorrells, RB, **436**:111
 Sotereanos, N, **437**:31
 Sotereanos, NG, **437**:59
 Soucacos, PN, **437**:265
 Specht, L, **441**:40
 Spencer, JM, **431**:134
 Sperling, JW, **439**:68, **439**:74
 Sponseller, PD, **433**:166
 Sporer, SM, **431**:250, **441**:216
 Sprague, M, **439**:123
 Srinivasan, K, **434**:222
 Stanhope, SJ, **434**:198
 Starr, CL, **439**:13
 States, L, **430**:248, **431**:257
 Steckelberg, JM, **439**:38, **439**:43
 Stefani, G, **435**:96
 Steinbach, GC, **431**:213
 Steinbeck, J, **436**:151
 Steinberg, ME, **441**:285
 Steindl, M, **441**:227
 Steinmann, S, **439**:74
 Steklov, N, **440**:45, **441**:298
 Stern, J, **430**:248
 Steward, O, **436**:251
 Stewart, KJ, **430**:89
 Stewart, PS, **437**:59
 Stilianessi, EV, **430**:258
 Stockheim, M, **433**:152
 Stoodley, P, **437**:20, **437**:31, **437**:48, **437**:59
 Stopryra, GA, **430**:266, **438**:137
 Strauss, MB, **439**:79, **439**:91
 Streiff, MB, **430**:237
 Stubbs, AJ, **439**:193
 Su, EP, **436**:132
 Sugamoto, K, **434**:143
 Sugita, T, **439**:176
 Sugiura, H, **431**:233
 Suh, KT, **431**:220

Sullivan, PM, 440:27
Sumner, DR, 437:157
Susrarla, A, 438:233
Sutton, K, 436:164, 441:143, 441:151
Suwabe, T, 433:243
Svard, U, 435:171
Sychterz, CJ, 437:138
Szabo, I, 431:104
Szabo, RM, 435:258
Szyszkowitz, R, 430:176

T
Taguchi, T, 436:208
Tajima, N, 431:129
Takagi, M, 430:28
Takahashi, M, 440:262
Takakubo, Y, 439:280
Takakura, Y, 431:238
Takaoka, K, 433:147, 437:247, 439:109
Takeda, N, 431:120
Takeuchi, K, 436:126
Talbot, M, 438:215
Tam, K-F, 438:260
Taminiau, AHM, 439:151
Tamura, D, 436:196
Tanaka, Y, 431:238
Tang, Y, 435:226
Tannast, M, 436:144, 438:182
Tanner, AM, 430:125
Tanzer, M, 441:30, 441:71
Tarkin, IS, 437:83
Taylor, KF, 435:239
Taylor, WR, 432:153
Taymaz, A, 436:270
Tehranzadeh, J, 437:219, 439:161
Tejwani, NC, 438:233
Temple, HT, 431:181
Tenholder, M, 440:67
Themistocleous, GS, 430:258
Thenappan, A, 438:103
Theocharopoulos, N, 430:182
Thomas, A, 433:140
Thomas, DB, 441:366
Thomas, TL, 440:199
Thonar, EJ-MA, 437:157
Thornes, B, 431:207
Tibone, J, 439:52
Tillman, RM, 435:211
Timon, SJ, 434:157
Toh, S, 434:207, 436:126
Tomatsu, T, 433:225
Tomford, W, 435:2
Tomo, H, 437:247, 439:109
Torbert, JT, 434:273, 434:282, 436:277, 438:51, 438:123, 438:137
Toth, AP, 433:38
Townley, CO, 440:9
Toy, M, 430:138
Toyama, Y, 433:225
Toylu, A, 436:270
Toyoda, H, 439:109
Trampuz, A, 439:43
Trenerry, K, 430:94
Trieb, K, 439:136

Trindade, M, 430:39
Trousdale, RT, 431:187, 439:32, 440:117, 440:175, 441:63, 441:262
Tsaknis, RN, 441:1340
Tseng, K-F, 432:188
Tsuchiya, A, 438:253
Tsuda, E, 434:207
Tsukushi, S, 431:233
Tuli, SM, 431:80
Turcotte, RE, 438:22, 438:36, 438:215
Turgeon, TR, 441:188
Turk, CY, 436:222
Turner, TM, 437:97, 437:157

U
Uchida, A, 433:265
Uchiyama, Y, 430:195
Udomkaewkanjana, C, 432:226
Ueda, T, 436:196
Uehara, K, 433:147
Ultee, J, 431:42
Unni, KK, 437:209
Urban, RM, 437:97, 437:157
Urbaniaik, JR, 439:193
Uzel, I, 439:253

V
Vail, TP, 433:72, 441:250
Vaishnavi, AJ, 438:209
Valdevit, AD, 432:242
Valencia, J, 432:77
van der Mei, HC, 433:136
van der Veen, AJ, 432:167
Van Glabbeek, F, 441:351
van Haaren, EH, 432:167
van Horn, JR, 433:136
van Kampen, A, 437:145
van Langelaan, EJ, 432:138
Van Lent, JB, 439:151
van Riet, RP, 441:351
Vance, RB, 439:269
Vaquero, J, 432:97
Vasara, AI, 433:233
Veihelmann, A, 433:258
Veit, B, 436:246
Veliskakis, KP, 436:190
Verdonk, RC, 430:156
Verdonschot, N, 438:239
Vestermark, M, 431:138
Vidal, C, 432:97
Viehweger, E, 441:356
Vigder, F, 439:274
Vigorita, VJ, 440:255
Visuri, T, 433:97
Vitale, A, 440:255
Vittetoe, DA, 440:27
Vogl, T, 433:82
von Eisenhart-Rothe, R, 433:82
von Stechow, D, 439:61

W
Waddell, J, 434:170
Wagner, M, 439:207

Waite, JC, 435:171
Waksman, SA, 437:3, 441:379
Walch, G, 431:104, 433:90
Walde, TA, 437:138
Walik, N, 433:178
Walker, PS, 441:313
Wallace, WA, 430:100
Wallnöfer, P, 439:181
Walochnik, N, 439:181
Walton, JR, 430:94
Wan, Z, 441:104
Wang, JJ, 438:5
Wang, P, 435:164, 441:40
Wanich, T, 434:157
Wannomae, K, 438:158
Ward, WG, 435:31
Warzecha, J, 440:178
Wasilewski, R, 440:251
Wasilewski, RC, 438:171
Wassell, DL, 439:48
Weber, K, 436:261
Wedge, JH, 431:166
Wehr, U, 440:226
Weiland, AJ, 434:123
Weiland, DE, 437:138
Weisman, N, 439:52
Weiss, JM, 431:157
Weksler, BB, 441:40
Wells, PS, 432:252, 432:258
Welsh, MK, 433:183
Welten, MLM, 437:145, 438:239
Wenke, JC, 441:366
Westrich, GH, 441:40
Wettstein, M, 437:169
Whang, W, 432:148
Wheeler, DL, 435:36
White, KK, 431:213
Widmaier, JC, 433:205
Widmann, RF, 434:157
Wientraub, S, 434:8
Wientroub, S, 437:271
Wiese, M, 436:144
Wilber, RG, 432:217
Wiley, JW, 441:334
Wilke, K, 432:153
Wilkins, RM, 438:128
Williams, AA, 435:258
Williams, JM, 437:157
Willis, RB, 435:126
Wilson, S, 437:48
Wimberley, DW, 440:101
Wimmer, C, 439:181
Windsor, R, 440:107
Winkelmann, W, 436:151
Winter, RB, 434:4
Wittig, JC, 437:201, 441:346
Wolf, A, 437:132
Wolf, RK, 434:61
Wong, MWN, 431:201
Wong, Y-P, 431:226
Wongworawat, MD, 439:27
Woolson, ST, 441:80
Wright, TM, 440:107, 440:141

Wu, HT, **435**:219
Wu, J-J, **432**:188
Wuisman, PIJM, **432**:167
Wunder, JS, **438**:22, **438**:30, **438**:36, **438**:71, **438**:92

X

Xu, P, **430**:219

Y

Yamada, Y, **431**:233
Yamakawa, M, **439**:280
Yamamoto, T, **431**:241
Yamashita, T, **434**:213
Yamazaki, Y, **431**:120
Yanagibashi, Y, **431**:111
Yasko, AW, **438**:65, **438**:103, **438**:116
Yasuda, T, **435**:191
Yasui, N, **440**:262

Yaszemski, MJ, **438**:42
Yeasting, RA, **437**:164
Yercan, HS, **436**:14
Yokoyama, T, **436**:126
Yoo, WJ, **434**:102
Yoshida, T, **435**:140
Yoshikawa, H, **430**:195, **434**:143, **436**:196
Yoshimoto, H, **431**:111
Yoshimoto, M, **434**:213
Yoshiya, S, **435**:181
Youn, MS, **431**:220
Young, DA, **438**:177

Z

Zalavras, CG, **439**:52, **439**:56, **439**:97
Zampagni, ML, **437**:186
Zanasi, S, **435**:96
Zanetti, M, **434**:130
Zawadsky, M, **436**:132

Zehetgruber, H, **439**:136
Zelle, BA, **435**:245
Zengerink, M, **437**:145
Zhang, M, **439**:228
Zhang, Y-G, **430**:219
Zhao, D, **430**:28
Zhao, Y, **437**:59
Zheng, G, **438**:182
Ziae, H, **441**:91
Ziarani, CF, **441**:285
Zimmerman, B, **435**:185
Zimmerman, SL, **433**:277
Zippel, H, **432**:153
Zlowodzki, M, **435**:245, **439**:269
Zoppi, A, **436**:158
Zukor, DJ, **437**:152
Zumstein, M, **434**:130
Zurakowski, D, **430**:117, **439**:260
Zweymiller, KA, **441**:227
Zysk, SP, **433**:258

Subject Index

A

Abductor pollicis longus insertion, trapeziometacarpal arthritis and, **434:** 138

Abscess, spinal epidural, **439:** 56

Accessory bone fracture, in children, **432:** 107

Acetabular augmentation ring, for recurrent hip dislocations, **436:** 151

Acetabular components
alignment of in total hip arthroplasty, **437:** 132
constrained, in complex revision total hip arthroplasty, **441:** 210

Acetabular cup
arc-deposited hydroxyapatite-coated, **441:** 305
bone support for, **434:** 163
cemented, after acetabular fracture, **437:** 145
failure of, latent period predicting, **438:** 165
surface-gradient cross-linked polyethylene, **430:** 80

Acetabular fixators, problems of, **441:** 7

Acetabular insufficiency, pelvic reconstruction for, **434:** 217

Acetabular liners
backside wear on, **440:** 184
cross-linked and conventional polyethylene, **438:** 158

Acetabular osteotomies, in reconstructive hip surgery, **441:** 188

Acetabular preparation technique, in total hip arthroplasty, **441:** 71

Acetabular version, tilt and rotation correction of, **438:** 182

Acetabulum
anatomy of and screw placement, **438:** 171
bone defects of, with pelvic discontinuity, **441:** 216
design of, with hydroxyapatite coating on rough substrate, **441:** 298

dysplasia of
high-grade, long-term results of dial osteotomy for, **433:** 115
modified triple osteotomy of innominate bone for, **434:** 78

fractures of
bone impaction grafting and cemented cup after, **437:** 145
in children, **432:** 87

hip hemiarthroplasty effects on, **437:** 157

radiographic abnormalities of, associated with labral tears, **441:** 327

Achilles tendon
lengthening of, for equinus deformity, **434:** 213
pain of, shock wave therapy for, **440:** 199
rupture of
modified flexor hallucis longus transfer for in elderly, **431:** 201

Thompson test for, **437:** 128

Acromioclavicular separation, pediatric, **432:** 41

Acromiohumeral interval, rotator cuff tears effects on, **433:** 90

Acromion reconstruction, after failed acromionectomy, **430:** 100

Acromionectomy, failed, deltoid and acromion reconstruction after, **430:** 100

Actinomyces lavendulae, streptomycin for, **437:** 3

Adductor muscle group, motor points for neuromuscular blockade in, **437:** 196

Adjunctive biofilm therapies, for implant infections, **437:** 111

Adjuvant therapy, recurrence rates of giant-cell tumors and, **435:** 211

Adolescents
intra-articular trauma of knee in, **432:** 97
operative treatment of femoral shaft fractures in, **434:** 114
spondylolysis and spondylolisthesis in, **434:** 46

Adriamycin, in primary osteosarcoma, **438:** 5

Advanced Trauma Life Support program, standards of, **433:** 30

Aggrecanase expression, intermittent compressive strain reducing, **433:** 225

Alcohol-induced osteonecrosis, of femoral head, **431:** 220

Alendronate, inhibiting bone resorption at bone-screw interface, **430:** 195

Allogenic transfusion
orthopaedic-induced anemia and, **431:** 145
in revision hip arthroplasty, **441:** 205

Allograft
in cervical fusion, **430:** 108
cortical, human leukocyte antigen sensitization after, **435:** 31
decreased strength of over time, **435:** 36
epidioiphysial versus other intercalary, for lower limb tumors, **439:** 151
fresh osteochondral in patellofemoral joint, **437:** 176
for giant-cell bone tumors, **438:** 116
for giant cell tumors, **439:** 144
host tissue irradiation effect on, **435:** 43
for large meniscal defects, **435:** 88
massive bone, infections in, **432:** 210
for posttraumatic knee defects, **435:** 79
safety and ethics of, **435:** 2
stromal stem cells and platelet-rich plasma improving, **435:** 62
total femoral, for bone tumor, **438:** 60

Allograft donors, safety and FDA regulations for, **435:** 22

Allograft-prosthetic reconstruction, of pelvic tumor defects, predicting outcome of, **438:** 30

Allograft tissue transplantation, ethical considerations in, **435:** 11

Alumina ceramic bearings, for total hip arthroplasty, **436:** 164, **441:** 151

Alumina-on-alumina, in total hip replacement, **430:** 62

Alveolar sarcoma, treatment of, **438:** 144

Ambulatory status, factors affecting in older patients with hip fractures, **436:** 208

Aminoglycoside resistance, of staphylococci in prosthetic joint infection, **439:** 43

Amphotericin B, impregnated with hydroxyapatite composite, **437:** 236

Amputation
of hand in children, **432:** 77
partial, for foot wounds in diabetes, **439:** 91
in primary osteosarcoma, **438:** 5

Anatomic referencing
in cup orientation in total hip arthroplasty, **436:** 144
in extraarticular tibial rotation in total knee arthroplasty, **436:** 172

Anatomy
in acute hematogenous osteomyelitis, **439:** 13
of lateral femoral cutaneous nerve, **437:** 164
of semispinalis cervicis, **436:** 126

Anemia, orthopaedic-induced, **431:** 145